**Bruhat Bangalore Mahanagara Palike**
**Excecutive Engineer Yelahanka Project Division**

## Name of Work: Improvements to Parks at 21st main Judicial Layout in Ward No.04, Yelahanka Satellite Town Sub Division

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Estimate Cost Rs. | | | 50.00 Lakhs |
| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
| 1 | KSRRB M200-11.1. **Clearing and grubbing** road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removalof stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications.(P.No-139,I No-18.16) **By Mechanical Means:B. In area of thorny jungle** | | | | | | | | |
| | Surround Park drain slab | 1 | 90.00 | 50.00 | | 4500.00 | | | |
| | | | | | | 4500.00 | | | |
| | | | | | | **0.45** | **Ha** | **24281.42** | **10926.64** |
| | Basic Rate Rs.= | 22907.00 | | | | | | | |
| | Add 6% A.W Rs. = | 1374.42 | | | | | | | |
| | **Total Rate Rs. =** | **24281.42** | | | | | | | |
| 2 | KSRB 2-2 : **Earthwork excavation by manual means** for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications. (Page No 6, I.No.2.3) | | | | | | | | |
| | For SSM foundation | 1 | 90.00 | 0.70 | 0.50 | 31.50 | | | |
| | | 1 | 70.00 | 0.70 | 0.50 | 24.50 | | | |
| | | 1 | 90.00 | 0.70 | 0.50 | 31.50 | | | |
| | | 1 | 70.00 | 0.70 | 0.50 | 24.50 | | | |
| | | | | | | **112.00** | **Cum** | **394.42** | **44175.04** |
| | Basic Rate Rs.= | 299.00 | | | | | | | |
| | Add 6% A.W Rs. = | 17.94 | | | | | | | |
| | Sub Total = | 316.94 | | | | | | | |
| | 8Km Lead, Loading and Unloading =(2*1.28*8)+57 | 77.48 | | | | | | | |
| | Total Rate Rs. = | 394.42 | | | | | | | |
| 3 | KSRRB M300-14. **Excavation for roadwork** in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301(Page No 143, I.No.19.14) | | | | | | | | |
| | Lowering ground | 1 | 90.00 | 70.00 | 0.30 | 1890.00 | | | |
| | | | | | | **1890.00** | **Cum** | **63.94** | **120846.60** |
| | Basic Rate Rs.= | 41.00 | | | | | | | |
| | Add 6% A.W Rs. = | 2.46 | | | | | | | |
| | Sub Total = | 43.46 | | | | | | | |
| | 8Km Lead, =(2*1.28*8) | 20.48 | | | | | | | |
| | Total Rate Rs. = | 63.94 | | | | | | | |
| 4 | KSRRB M2100-10. Providing and laying **Plain cement concrete of mix 1:3:6** with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18) | | | | | | | | |
| | For SSM foundation | 1 | 90.00 | 0.70 | 0.15 | 9.45 | | | |
| | | 1 | 70.00 | 0.70 | 0.15 | 7.35 | | | |

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| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 90.00 | 0.70 | 0.15 | 9.45 | | | |
| | | 1 | 70.00 | 0.70 | 0.15 | 7.35 | | | |
| | | | | | | **33.60** | **Cum** | **5421.90** | **182175.84** |
| | Basic Rate Rs.= | 5115.00 | | | | | | | |
| | Add 6% A.W Rs. = | 306.90 | | | | | | | |
| | **Total Rate Rs. =** | **5421.90** | | | | | | | |
| 5 | KSRB 5.2-3 : Providing and **constructing granite / trap / basalt size stone masonry** in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (Page No 25., I.No.5.6). | | | | | | | | |
| | For SSM foundation | 1 | 90.00 | 0.60 | 0.40 | 21.60 | | | |
| | | 1 | 70.00 | 0.60 | 0.40 | 16.80 | | | |
| | | 1 | 90.00 | 0.60 | 0.40 | 21.60 | | | |
| | | 1 | 70.00 | 0.60 | 0.40 | 16.80 | | | |
| | 2nd Step | | | | | | | | |
| | For SSM foundation | 1 | 90.00 | 0.45 | 0.60 | 24.30 | | | |
| | | 1 | 70.00 | 0.45 | 0.60 | 18.90 | | | |
| | | 1 | 90.00 | 0.45 | 0.60 | 24.30 | | | |
| | | 1 | 66.00 | 0.45 | 0.60 | 17.82 | | | |
| | | | | | | **162.12** | **Cum** | **4871.76** | **789809.73** |
| | Basic Rate Rs.= | 4596.00 | | | | | | | |
| | Add 6% A.W Rs. = | 275.76 | | | | | | | |
| | **Total Rate Rs. =** | **4871.76** | | | | | | | |
| 6 | KSRB 4-1.6 ; Providing and laying in position **plain cement concrete of Mix 1:2:4** with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6) | | | | | | | | |
| | For SSM foundation | 1 | 90.00 | 0.45 | 0.10 | 4.05 | | | |
| | | 1 | 70.00 | 0.45 | 0.10 | 3.15 | | | |
| | | 1 | 90.00 | 0.45 | 0.10 | 4.05 | | | |
| | | 1 | 70.00 | 0.45 | 0.10 | 3.15 | | | |
| | For Pathway Kerbstone | 2 | 80.00 | 0.20 | 0.125 | 4.00 | | | |
| | | 2 | 80.00 | 0.20 | 0.125 | 4.00 | | | |
| | | 2 | 60.00 | 0.20 | 0.125 | 3.00 | | | |
| | | 2 | 60.00 | 0.20 | 0.125 | 3.00 | | | |
| | | | | | | **28.40** | **Cum** | **5747.32** | **163223.89** |
| | Basic Rate Rs.= | 5422.00 | | | | | | | |
| | Add 6% A.W Rs. = | 325.32 | | | | | | | |
| | **Total Rate Rs. =** | **5747.32** | | | | | | | |
| 7 | KSRRB M300-53. **Construction of embankment** with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305. (Page 147, Item No 19.60) | | | | | | | | |
| | Levelling ground | 1 | 90.00 | 70.00 | 0.20 | 1260.00 | | | |
| | | | | | | **1260.00** | **Cum** | **344.50** | **434070.00** |
| | Basic Rate Rs.= | 325.00 | | | | | | | |
| | Add 6% A.W Rs. = | 19.50 | | | | | | | |
| | **Total Rate Rs. =** | **344.50** | | | | | | | |

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| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 8 | **Supplying and fixing M.S. Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC ( 1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting ( excluding cost of earthwork and concrete) (P.No-266,I No-37.2) | | | | | | | | |
| | Fencing | 160 | 2.50 | | | 400.00 | | | |
| | | | | | | **400.00** | **m** | **910.54** | **364216.00** |
| | Basic Rate Rs.= | 859.00 | | | | | | | |
| | Add 6% A.W Rs. = | 51.54 | | | | | | | |
| | **Total Rate Rs. =** | **910.54** | | | | | | | |
| 9 | **Providing chain link fencing 50mm size** of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (P.No-266,I No-37.3) | | | | | | | | |
| | Fencing | 1 | 90.00 | | 1.80 | 162.00 | | | |
| | | 1 | 66.00 | | 1.80 | 118.80 | | | |
| | | 1 | 90.00 | | 1.80 | 162.00 | | | |
| | | 1 | 66.00 | | 1.80 | 118.80 | | | |
| | | | | | | **561.60** | **Sqm** | **757.90** | **425636.64** |
| | Basic Rate Rs.= | 715.00 | | | | | | | |
| | Add 6% A.W Rs. = | 42.90 | | | | | | | |
| | **Total Rate Rs. =** | **757.90** | | | | | | | |
| 10 | **Providing and fixing M.S. Block pipe of 38mm dia**, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint(P.No-266,I No-37.4) | | | | | | | | |
| | Fencing | 3 | 312.00 | | | 936.00 | | | |
| | | | | | | **936.00** | **m** | **432.48** | **404801.28** |
| | Basic Rate Rs.= | 408.00 | | | | | | | |
| | Add 6% A.W Rs. = | 24.48 | | | | | | | |
| | **Total Rate Rs. =** | **432.48** | | | | | | | |
| 11 | **Providing and fixing M.S. Gate** as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. (P.No-45,I No-7.37) | | | | | | | | |
| | Gate | 1 | 4.00 | | 2.40 | 9.60 | | | |
| | | | | | | **9.60** | **Sqm** | **3192.72** | **30650.11** |
| | Basic Rate Rs.= | 3012.00 | | | | | | | |
| | Add 6% A.W Rs. = | 180.72 | | | | | | | |
| | **Total Rate Rs. =** | **3192.72** | | | | | | | |
| 12 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30) | | | | | | | | |

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| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | For Pathway Kerbstone | 2 | 80.00 | | | 160.00 | | | |
| | | 2 | 80.00 | | | 160.00 | | | |
| | | 2 | 60.00 | | | 120.00 | | | |
| | | 2 | 60.00 | | | 120.00 | | | |
| | | | | | | 560.00 | | | |
| | | | | | | **1244.00** | **Nos** | **432.48** | **538005.12** |
| | Basic Rate Rs.= | 408.00 | | | | | | | |
| | Add 6% A.W Rs. = | 24.48 | | | | | | | |
| | **Total Rate Rs. =** | **432.48** | | | | | | | |
| 3 | Painting two coats after filling the surface with **synthetic enamel paint** in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6. (P.No.180, I.No.24.1 of PW, P&IWTD SR 2018-19) | | | | | | | | |
| | For Pathway Kerbstone | 2 | 80.00 | | 0.30 | 48.00 | | | |
| | | 2 | 80.00 | | 0.30 | 48.00 | | | |
| | | 2 | 60.00 | | 0.30 | 36.00 | | | |
| | | 2 | 60.00 | | 0.30 | 36.00 | | | |
| | | | | | | **168.00** | **Sqm** | **84.80** | **14246.40** |
| | Basic Rate Rs.= | 80.00 | | | | | | | |
| | Add 6% A.W Rs. = | 4.80 | | | | | | | |
| | **Total Rate Rs. =** | **84.80** | | | | | | | |
| | KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18) | | | | | | | | |
| | For Pathway | 1 | 80.00 | 1.80 | 0.15 | 21.60 | | | |
| | | 1 | 80.00 | 1.80 | 0.15 | 21.60 | | | |
| | | 1 | 60.00 | 1.80 | 0.15 | 16.20 | | | |
| | | 1 | 60.00 | 1.80 | 0.15 | 16.20 | | | |
| | | | | | | **75.60** | **Cum** | **2001.28** | **151296.77** |
| | Basic Rate Rs.= | 1888.00 | | | | | | | |
| | Add 6% A.W Rs. = | 113.28 | | | | | | | |
| | **Total Rate Rs. =** | **2001.28** | | | | | | | |

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| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 15 | KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications.<br>Specification No. KBS (P.No-103,I No-14.6), 60mm thick | | | | | | | | |
| | For Pathway | 1 | 80.00 | 1.80 | | 144.00 | | | |
| | | 1 | 80.00 | 1.80 | | 144.00 | | | |
| | | 1 | 60.00 | 1.80 | | 108.00 | | | |
| | | 1 | 60.00 | 1.80 | | 108.00 | | | |
| | | | | | | **504.00** | **Sqm** | **1116.18** | **562554.72** |
| | Basic Rate Rs.= | 1053.00 | | | | | | | |
| | Add 6% A.W Rs. = | 63.18 | | | | | | | |
| | **Total Rate Rs. =** | **1116.18** | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | **Total Construction Cost** | **4236634.78** |
| | | | | | | | | **12% GST Charges** | **508396.17** |
| | | | | | | | | **5% Tender Premium** | **211831.74** |
| | | | | | | | | **PMC Charges** | **43,000.00** |
| | | | | | | | | **Sub Total** | **4999862.69** |
| | | | | | | | | **Utility Shifting, Miscellaneous, Rounding off** | **137.31** |
| | | | | | | | | **GRAND TOTAL** | **5000000.00** |

**Certificate**

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates and Data Rates.

Assistant Engineer
BBMP Bangalore

Asst. Executive Engineer
BBMP Bangalore

Executive Engineer 6/12/19
BBMP Bangalore

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# BRUHAT BANGALORE MAHANAGARA PALIKE

**Project: Improvements to Park, Nisarga Park and Playground in Duomarvels Layout in Ward No.03 in Yelahanaka Satelite Town Sub Division**

**Est Cost: =125.00Lakhs**

| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications | | | | | | | | |
| | Nisarga Park | | 1 | 10.00 | 7.00 | | 70.00 | | |
| | | | 1 | 5.00 | 3.00 | | 15.00 | | |
| | | Sqm | | | | | **85.00** | 10.80 | **918.00** |
| | ***Pg No 138 It No 18.11 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***10.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***0.80*** | | | | | | | |
| | ***Final Rate*** | ***10.80*** | | | | | | | |
| | | | | | | | | | |
| 2 | Removing and resetting of kerb stones | | | | | | | | |
| | Duo Marvels Layout | | 1 | 224.00 | | | 224.00 | | |
| | | | 1 | 250.00 | | | 250.00 | | |
| | Consider 30% Damaged kerbs | | | | | | -142.20 | | |
| | | m | | | | | **331.80** | 106.92 | **35476.06** |
| | ***Pg No 270 It No 37.57 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***99.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***7.92*** | | | | | | | |
| | ***Final Rate*** | ***106.92*** | | | | | | | |
| | ` | | | | | | | | |
| 3 | KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. | | | | | | | | |
| | Foundation | | 1 | 19.00 | 0.80 | 1.05 | 15.96 | | |
| | For Fencing Poles | | | | | | | | |
| | Nisarga Park | | 1 | 107.00 | 0.80 | 0.75 | 64.20 | | |
| | Duo Marvels Layout | | 25 | 0.45 | 0.45 | 0.45 | 2.28 | | |
| | Damaged | | 32 | 0.45 | 0.45 | 0.45 | 2.92 | | |
| | | Cum | | | | | **85.35** | 322.92 | **27562.55** |
| | ***Pg No 6 It No 2.3 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***299.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***23.92*** | | | | | | | |
| | ***Final Rate*** | ***322.92*** | | | | | | | |
| 4 | KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 | | | | | | | | |
| | Foundation | | 1 | 19.00 | 0.80 | 0.15 | 2.28 | | |
| | For Paverblocks | | | | | | | | |
| | Nisarga Layout Park | | 1 | 51.80 | 11.30 | 0.15 | 87.80 | | |
| | | | 1 | 47.50 | 14.80 | 0.15 | 105.45 | | |
| | | | 1 | 18.20 | 1.80 | 0.15 | 4.91 | | |
| | For Fencing | | 1 | 107.00 | 0.80 | 0.15 | 12.84 | | |
| | Approaches | | | | | | | | |
| | Nisraga Park | | 2 | 8.00 | 1.00 | 0.15 | 2.40 | | |
| | Duo Heights | | 1 | 5.00 | 1.00 | 0.15 | 0.75 | | |
| | | | 2 | 9.50 | 4.10 | 0.15 | 11.69 | | |
| | | Cum | | | | | **228.12** | 5609.52 | **1279643.70** |
| | ***Pg No 13 It No 4.2 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***5194.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***415.52*** | | | | | | | |

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| S. No. | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | Final Rate | | | | | | | | |
| 5 | ICSR 5.2.3 - Providing and constructing granite / rag / sand dry stone masonry in foundation with cement mortar (1:6) stone hammer dressed in courses not less than 30 cm high, and stone at every joint in each course including cost of material, labour, curing complete as per specification. (BS 5.1.3) | | | | | | | | |
| | Foundation | | 1 | 35.00 | 1.60 | 1.60 | 89.60 | | |
| | For Opening | | 1 | 10.00 | 1.60 | 1.60 | 25.60 | | |
| | | Cum | | | | | 64.00 | 4850.88 | 310454.32 |
| | Pg No 35 # No 5.0 of PWD SR 2018-19 | | | | | | | | |
| | Basic rate | 4796.00 | | | | | | | |
| | Amc Weightage 5% | 239.80 | | | | | | | |
| | Final Rate | 4850.88 | | | | | | | |
| 6 | ICSR 5.3.2 - Providing and constructing granite / rag / sand dry stone masonry in basement with cement mortar (1:6) edge of stone shall be dressed in courses not less than 30 cm high and stone at every joint in each course including cost of material, labour curing complete as per specification. (BS 5.1.3) | | | | | | | | |
| | Basement | | 1 | 35.00 | 1.45 | 1.60 | 81.20 | | |
| | For Opening | | 1 | 10.00 | 1.45 | 1.60 | 23.20 | | |
| | | Cum | | | | | 58.00 | 5521.24 | 320232.32 |
| | Pg No 35 # No 5.3.2 of PWD SR 2018-19 | | | | | | | | |
| | Basic rate | 5496.00 | | | | | | | |
| | Amc Weightage 5% | 274.80 | | | | | | | |
| | Final Rate | 5521.24 | | | | | | | |
| 7 | ICSR 4.1.1 - Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kg. with 10mm and down size graded granite metal coarse aggregate @ 1.05 cum and fine aggregate @ 0.45cum, machine mixed, concrete at site not exceeding 15 cm thick, all complete in foundation, plinth and dpc, including cost of all material, labour, T&I of machines, curing complete as | | | | | | | | |
| | Basement | | 1 | 35.00 | 1.45 | 1.00 | 50.75 | | |
| | Footing | | 1 | 3.75 | 1.30 | 1.05 | 5.11 | | |
| | For Opening | | 1 | 10.00 | 1.45 | 1.00 | 14.50 | | |
| | | | 2 | 1.45 | 1.45 | 1.45 | 7.30 | | |
| | For Opening Pole | | | | | | | | |
| | Duc Manes Layout | | 15 | 1.45 | 1.45 | 1.45 | 7.30 | | |
| | Damaged | | 31 | 1.45 | 1.45 | 1.45 | 15.21 | | |
| | Approaches | | | | | | | | |
| | Manas Pole | | 1 | 8.00 | 1.00 | 0.15 | 2.40 | | |
| | Duc Height | | 1 | 5.00 | 1.00 | 0.15 | 0.75 | | |
| | | Cum | | | | | 104.51 | 5855.51 | 612134.30 |
| | Pg No 35 # No 4.1.1 of PWD SR 2018-19 | | | | | | | | |
| | Basic rate | 5422.00 | | | | | | | |
| | Amc Weightage 5% | 433.76 | | | | | | | |
| | Final Rate | 5855.76 | | | | | | | |
| 8 | ICSR 4.4.7 - Providing and removing centering, shuttering, shoring, propping etc. and removal of form work for slabs and cantilever chajja, beam haunches, cantilever girder, treasurer and lintel not exceeding 3m in depth including cost of all material, labour complete as per specification. Specification No. (BS 4.4.7) | | | | | | | | |
| | Lintel | | 1 | 5.40 | 0.50 | 0.50 | 5.07 | | |
| | | Sqm | | | | | 5.07 | 315.61 | 1599.88 |
| | Pg No 37 # No 4.34 of PWD SR 2018-19 | | | | | | | | |
| | Basic rate | 292.00 | | | | | | | |
| | Amc Weightage 8% | 23.36 | | | | | | | |
| | Final Rate | 315.36 | | | | | | | |
| 9 | ICSR 4.4.2 - Providing and removing centering, shuttering, shoring, propping etc. and removal of form work for underside floor, landings, balconies and like, thickness upto 30 cm including cost of all materials, labour complete as per specifications to heights more than 3.50m from ground level. (Unit: sqm. Specification No. (BS 4.4.2) | | | | | | | | |
| | Slab | | 1 | 4.30 | 2.55 | | 10.97 | | |
| | | Sqm | | | | | 10.97 | 425.10 | 4664.10 |
| | Pg No 36 # No 4.34.1 of PWD SR 2018-19 | | | | | | | | |
| | Basic rate | 400.00 | | | | | | | |
| | Amc Weightage 8% | 32.00 | | | | | | | |
| | Final Rate | 425.10 | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length | Breadth | Depth | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | m | m | m | | | |
| 10 | Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @ 0.47cum, with superplastiziser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, ,pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications | | | | | | | | |
| | Lintel | | 1 | 16.90 | 0.23 | 0.15 | 0.58 | | |
| | Slab | | 1 | 6.20 | 2.55 | 0.15 | 2.37 | | |
| | | Cum | | | | | 2.95 | 6528.60 | 19289.08 |
| | *Pg No 14 It No 4.12 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *6045.00* | | | | | | | |
| | *Area Weightage 8%* | *483.60* | | | | | | | |
| | *Final Rate* | *6528.60* | | | | | | | |
| 11 | KSR8 - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. | | | | | | | | |
| | Consider 180Kgs/cum for RCC Qty | | | 2.95 | 180.000 | – | 0.54 | | |
| | | Tonne | | | | | 0.54 | 76643.28 | 41387.37 |
| | *Pg No 18 It No 4.46.2 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *70966.00* | | | | | | | |
| | *Area Weightage 8%* | *5677.28* | | | | | | | |
| | *Final Rate* | *76643.28* | | | | | | | |
| 12 | Providing and constructing burnt brick masonry with approved quality of non-modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:6 for basement and superstructu/re including cost of materials, labour charges, scaffolding, curing complete as per specifications | | | | | | | | |
| | Toilet Walls | | 1 | 19.00 | 0.23 | 2.70 | 11.80 | | |
| | | Cum | | | | | 11.80 | 7245.72 | 85492.25 |
| | *Pg No 29 It No 6.6 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *6709.00* | | | | | | | |
| | *Area Weightage 8%* | *536.72* | | | | | | | |
| | *Final Rate* | *7245.72* | | | | | | | |
| 13 | Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6, to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | Toilet Inner | | 2 | 9.90 | | 2.10 | 41.58 | | |
| | Deduction | | | | | | | | |
| | Doors | | -3 | 0.75 | | 2.10 | -4.73 | | |
| | | Sqm | | | | | 36.86 | 207.36 | 7642.25 |
| | *Pg No 117 It No 15.31 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *192.00* | | | | | | | |
| | *Area Weightage 8%* | *15.36* | | | | | | | |
| | *Final Rate* | *207.36* | | | | | | | |
| 14 | KSR815-3.14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | Slab | | 1 | 6.20 | | 2.55 | 15.81 | | |
| | | Sqm | | | | | 15.81 | 243.00 | 3841.83 |
| | *Pg No 116 It No 15.22 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *225.00* | | | | | | | |
| | *Area Weightage 8%* | *18.00* | | | | | | | |
| | *Final Rate* | *243.00* | | | | | | | |
| 15 | KSR815-3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | Inner Walls | | 2 | 9.90 | | 0.60 | 11.88 | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | Deduction | | | | | | | | |
| | Ventilators | | -3 | 0.75 | 0.60 | | -1.35 | | |
| | | Sqm | | | | | 10.53 | 220.32 | 2319.97 |
| | *Pg No 115 It No 15.10 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *204.00* | | | | | | | |
| | *Area Weightage 8%* | *16.32* | | | | | | | |
| | *Final Rate* | *220.32* | | | | | | | |
| 16 | Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | | | | | | | | |
| | Toilet Outer | | 1 | 15.86 | | 2.70 | 42.82 | | |
| | Deduction | | | | | | | | |
| | Doors | | -3 | 0.75 | 2.10 | | -4.73 | | |
| | Ventilators | | -3 | 0.75 | 0.60 | | -1.35 | | |
| | | Sqm | | | | | 36.75 | 264.60 | 9723.26 |
| | *Pg No 116 It No 15.17 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *245.00* | | | | | | | |
| | *Area Weightage 8%* | *19.60* | | | | | | | |
| | *Final Rate* | *264.60* | | | | | | | |
| 17 | Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. | | | | | | | | |
| | Sameas Qnty vide No 17 | | | | | | 36.75 | | |
| | | Sqm | | | | | 36.75 | 110.16 | 4048.05 |
| | *Pg No 120 It No 15.53.2 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *102.00* | | | | | | | |
| | *Area Weightage 8%* | *8.16* | | | | | | | |
| | *Final Rate* | *110.16* | | | | | | | |
| 18 | KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. | | | | | | | | |
| | Same as internal plastering | | | | | | 10.53 | | |
| | | Sqm | | | | | 10.53 | 97.20 | 1023.52 |
| | *Pg No 119 It No 15.51.2 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *90.00* | | | | | | | |
| | *Area Weightage 8%* | *7.20* | | | | | | | |
| | *Final Rate* | *97.20* | | | | | | | |
| 19 | KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-15.2 : Extra over item 15-15.1 | | | | | | | | |
| | Same as ceiling plastering | | | | | | 15.81 | | |
| | | Sqm | | | | | 15.81 | 102.60 | 1622.11 |
| | *Pg No 119 It No 15.51.2 & 15.51.3 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate (9015)-95* | *95.00* | | | | | | | |
| | *Area Weightage 8%* | *7.60* | | | | | | | |
| | *Final Rate* | *102.60* | | | | | | | |
| 20 | KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface ( excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x45 cms 6mm thick with border of size 30 x 10 cms. | | | | | | | | |
| | Same as rough plastering only | | | | | | 16.86 | | |
| | | Sqm | | | | | 16.86 | 1177.00 | 19743.14 |
| | *Pg No 108 It No 14.41.3 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *1275.00* | | | | | | | |
| | *Area Weightage 8%* | *102.00* | | | | | | | |
| | *Final Rate* | *1377.00* | | | | | | | |

| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 21 | Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads, steps and landing, laid on a bed of 20mm thick cement mortar 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, cleaning etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, , etc., complete as per specification | | | | | | | | |
| | | | 2 | 1.50 | 1.80 | | 5.40 | | |
| | | Sqm | | | | | 5.40 | 1137.24 | 6141.10 |
| | *Pg No 112 It No 14.63 of PWD SR 2018-19 and Issue Rates* | | | | | | | | |
| | *Basic rate* | *1053.00* | | | | | | | |
| | *Area Weightage 8%* | *84.24* | | | | | | | |
| | *Final Rate* | *1137.24* | | | | | | | |
| 22 | KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. | | | | | | | | |
| | | Sqm | 1 | 6.2 | 2.55 | | 15.81 | | |
| | | | | | | | **15.81** | 1086.48 | **17177.25** |
| | *Pg No 68 It No 10.2 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *1006.00* | | | | | | | |
| | *Area Weightage 8%* | *80.48* | | | | | | | |
| | *Final Rate* | *1086.48* | | | | | | | |
| 23 | SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. | | | | | | | | |
| | | Sqm | 3 | 5.4 | | 0.08 | 1.30 | | |
| | | | | | | | **1.30** | 505.44 | **655.05** |
| | *Pg No 60 It No 9.84 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *468.00* | | | | | | | |
| | *Area Weightage 8%* | *37.44* | | | | | | | |
| | *Final Rate* | *505.44* | | | | | | | |
| 24 | KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12. | | | | | | | | |
| | Ventilators | | 4 | 0.75 | | 0.60 | 1.80 | | |
| | At 21kgsqm | | 21 | | | | 37.80 | | |
| | | kgs | | | | | **37.80** | 102.60 | **3878.28** |
| | *Pg No 34 It No 7.9 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *95.00* | | | | | | | |
| | *Area Weightage 8%* | *7.60* | | | | | | | |
| | *Final Rate* | *102.60* | | | | | | | |
| 25 | Ventilators : Fixed lovers 4'-0" x 3'-0" (1219.2x914.4mm) (Box section) outer frame section size of 33x57mm mullion section. | | | | | | | | |
| | Ventilators | Sqm | 4 | 0.75 | | 0.60 | 1.80 | | |
| | | | | | | | **1.80** | 3760.56 | **6769.01** |
| | *Pg No 306 It No 38.38.4 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *3482.00* | | | | | | | |
| | *Area Weightage 8%* | *278.56* | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | ***Final Rate*** | ***3760.56*** | | | | | | | |
| 26 | SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. | | | | | | | | |
| | | Sqm | 3 | 0.75 | | 2.10 | 4.73 | | |
| | | | | | | | **4.73** | 2999.16 | **14171.03** |
| | ***Pg No 60 It No 9.83 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***2777.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***222.16*** | | | | | | | |
| | ***Final Rate*** | ***2999.16*** | | | | | | | |
| 27 | KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type ( Pedestal type, P-trap ) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern ( all are approved make ) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 | | | | | | | | |
| | | | | | | | 2.00 | | |
| | | no | | | | | **2.00** | 5352.48 | **10704.96** |
| | ***Pg No 79 It No 12.5 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***4956.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***396.48*** | | | | | | | |
| | ***Final Rate*** | ***5352.48*** | | | | | | | |
| 28 | Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11Specification No. KBS 11 | | | | | | | | |
| | | | | | | | 2.00 | | |
| | | no | | | | | **2.00** | 3317.76 | **6635.52** |
| | ***Pg No 80 It No 12.7 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***3072.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***245.76*** | | | | | | | |
| | ***Final Rate*** | ***3317.76*** | | | | | | | |
| 29 | Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications | | | | | | | | |
| | | | | | | | 2.00 | | |
| | | no | | | | | **2.00** | 4327.56 | **8655.12** |
| | ***Pg No 82 It No 12.23 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***4007.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***320.56*** | | | | | | | |
| | ***Final Rate*** | ***4327.56*** | | | | | | | |
| 30 | Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia | | | | | | | | |
| | | | | | | | 4.00 | | |
| | | Each | | | | | 4.00 | 162.00 | 648.00 |
| | ***Pg No 90 It No 12.111 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***150.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***12.00*** | | | | | | | |
| | ***Final Rate*** | ***162.00*** | | | | | | | |
| 31 | Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 160mm dia | | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length | Breadth | Depth | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | m | m | m | | | |
| | Sanitary Line | | 1 | 20 | | | 20.00 | | |
| | | m | | | | | **20.00** | 921.24 | **18424.80** |
| | *Pg No 90 It No 12.116.3 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *853.00* | | | | | | | |
| | *Area Weightage 8%* | *68.24* | | | | | | | |
| | *Final Rate* | *921.24* | | | | | | | |
| 32 | Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes | | | | | | | | |
| | Water Line | | 1 | 25 | | | 25.00 | | |
| | | m | | | | | **25.00** | 316.44 | **7911.00** |
| | *Pg No 99 It No 13.86.3 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *293.00* | | | | | | | |
| | *Area Weightage 8%* | *23.44* | | | | | | | |
| | *Final Rate* | *316.44* | | | | | | | |
| 33 | KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. | | | | | | | | |
| | | | 4 | | | | 4.00 | | |
| | | each | | | | | **4.00** | 254.88 | **1019.52** |
| | *Pg No 93 It No 13.25 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *236.00* | | | | | | | |
| | *Area Weightage 8%* | *18.88* | | | | | | | |
| | *Final Rate* | *254.88* | | | | | | | |
| 34 | KSRB 12-8.3 : Constructing brick masonry inspection chamber 600x850mm, and 450mm depth, ( clear inside dimension ) for pipeline with three or more inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg ( weight of cover 23kg and weight of frame 15 kg ) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal , foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finished smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS and KSRB 12-8.3.1 : Extra for item no. KSRB12-8.3 depth beyond 450mm and brick masonry chamber with table moulded non-modular bricks of class designation 50 in cement mortar 1:5 | | | | | | | | |
| | | | 2 | | | | 2.00 | | |
| | | each | | | | | **2.00** | 10769.76 | **21539.52** |
| | *Pg No 76&77 It No 11.54 & 11.55 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *9972.00* | | | | | | | |
| | *Area Weightage 8%* | *797.76* | | | | | | | |
| | *Final Rate* | *10769.76* | | | | | | | |
| 35 | KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 | | | | | | | | |
| | | | 2 | | | | 2.00 | | |
| | | each | | | | | **2.00** | 7374.24 | **14748.48** |
| | *Pg No 96 It No 13.78 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *6828.00* | | | | | | | |
| | *Area Weightage 8%* | *546.24* | | | | | | | |
| | *Final Rate* | *7374.24* | | | | | | | |
| 36 | Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications.(Available Stones) | | | | | | | | |
| | Add available cobble stones | | | | | | 442.75 | | |
| | | Sqm | | | | | 442.75 | 451.96 | 200104.58 |
| | *Pg No 103 It No 14.7 of PWD SR 2018-19* | | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | *Basic rate* | *1110.00* | | | | | | | |
| | *Deduct 10% Contractor Profit* | *111.00* | | | | | | | |
| | *Deduct 10% Overhead Charges* | *111.00* | | | | | | | |
| | *Deduct Stones Rate* | *469.52* | | | | | | | |
| | *Sub Total* | *418.48* | | | | | | | |
| | *Area Weightage 8%* | *33.48* | | | | | | | |
| | *Final Rate* | *451.96* | | | | | | | |
| 37 | Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. | | | | | | | | |
| | Duo Marvels Layout | | 1 | 234.00 | | 2.50 | 585.00 | | |
| | | | 1 | 12.50 | | 3.80 | 47.50 | | |
| | | | 2 | 9.50 | | 4.10 | 77.90 | | |
| | | | | | | | 442.75 | | |
| | Deduct 70% Available Stones | | | | | | 267.65 | 1198.80 | 320858.82 |
| | | Sqm | | | | | | | |
| | *Pg No 103 It No 14.7 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *1110.00* | | | | | | | |
| | *Area Weightage 8%* | *88.80* | | | | | | | |
| | *Final Rate* | *1198.80* | | | | | | | |
| 38 | Providing and laying heavy duty cobble stones 100mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of M40 over 50mm thick sand bed (average thickness ) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. | | | | | | | | |
| | Nisarga Layout Park | | 1 | 51.80 | 11.30 | | 585.34 | | |
| | | | 1 | 47.50 | 14.80 | | 703.00 | | |
| | | | 1 | 18.20 | 1.80 | | 32.76 | | |
| | | | | | | | 1321.10 | 1180.00 | 1558898.00 |
| | | Sqm | | | | | | | |
| | *Quotation Rate* | *1180.00* | | | | | | | |
| 39 | Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats | | | | | | | | |
| | Nisarga Park | | 79 | 2.40 | | | 189.60 | | |
| | Duo Marvels Layout | | 25 | 2.40 | | | 60.00 | | |
| | Damaged | | 19 | 2.40 | | | 45.60 | | |
| | | m | | | | | 295.20 | 927.72 | 273862.94 |
| | *Pg No 266 It No 37.2 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *859.00* | | | | | | | |
| | *Area Weightage 8%* | *68.72* | | | | | | | |
| | *Final Rate* | *927.72* | | | | | | | |
| 40 | Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint | | | | | | | | |
| | Nisarga Park | | 1 | 107.00 | | 2.00 | 214.00 | | |
| | Duo Marvels Layout | | 1 | 48.00 | | 2.00 | 96.00 | | |
| | Damaged | | 1 | 38.00 | | 2.00 | 76.00 | | |
| | | Sqm | | | | | 386.00 | 772.20 | 298069.20 |
| | *Pg No 266 It No 37.3 of PWD SR 2018-19* | | | | | | | | |
| | *Basic rate* | *715.00* | | | | | | | |
| | *Area Weightage 8%* | *57.20* | | | | | | | |
| | *Final Rate* | *772.20* | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 41 | Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. | | | | | | | | |
| | Nisarga Park | | 3 | 107.00 | | | 321.00 | | |
| | Duo Marvels Layout | | 3 | 48.00 | | | 144.00 | | |
| | Damaged | | 3 | 38.00 | | | 114.00 | | |
| | | m | | | | | **579.00** | 440.64 | **255130.56** |
| | ***Pg No 266 It No 37.4 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***408.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***32.64*** | | | | | | | |
| | ***Final Rate*** | ***440.64*** | | | | | | | |
| 42 | Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members asshown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specifiocation | | | | | | | | |
| | Nisarga Park | | 2 | 7.30 | | 2.70 | 39.42 | | |
| | | | 1 | 2.40 | | 2.70 | 6.48 | | |
| | | Sqm | | | | | **45.90** | 3252.96 | **149310.86** |
| | ***Pg No 45 It No 7.37 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***3012.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***240.96*** | | | | | | | |
| | ***Final Rate*** | ***3252.96*** | | | | | | | |
| 43 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete | | | | | | | | |
| | Consider 30% Damaged kerbs | | | 142.20 | | /0.45 | 316.00 | | |
| | Nisarga Park | | 1 | 55.00 | | /0.45 | 122.00 | | |
| | | Nos | | | | | **438.00** | 440.64 | **193000.32** |
| | ***Pg No 27 It No 5.30 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***408.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***32.64*** | | | | | | | |
| | ***Final Rate*** | ***440.64*** | | | | | | | |
| 44 | KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 | | | | | | | | |
| | Duo Marvels Layout | | 1 | 474.00 | | 0.35 | 165.90 | | |
| | | Sqm | | | | | **165.90** | 86.40 | **14333.76** |
| | ***Pg No 180 It No 24.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***80.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***6.40*** | | | | | | | |
| | ***Final Rate*** | ***86.40*** | | | | | | | |
| 45 | Providing and applying enamel metal paint one coat (excluding priming coat ) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. | | | | | | | | |
| | Fencing | | 1 | 134.50 | | 2.10 | 282.45 | | |
| | | Sqm | | | | | **282.45** | 65.88 | **18607.81** |
| | ***Pg No 121 It No 15.75 of PWD SR 2018-19*** | | | | | | | | |
| | ***Basic rate*** | ***61.00*** | | | | | | | |
| | ***Area Weightage 8%*** | ***4.88*** | | | | | | | |
| | ***Final Rate*** | ***65.88*** | | | | | | | |
| 46 | Providing and supplying monoblock single phase motor 1 HP / 0.75 stage as per the directions of engineer in charge | | | | | | | | |
| | | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 8941.00 | **8941.00** |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | ***Pg No XLV Sl No 2 of PWD SR 2018-19*** | ***8941.00*** | | | | | | | |
| | ***Material Rate*** | | | | | | | | |
| 47 | KSRRB M100-4.1: Cost of Haulage including loading and unloading of stone Boulder / Stone aggregates / Sand /Kankar / Moorum KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip including with all lead and lifts, loading and unloading,tools, plants, HOM of machinery, cost of materials, labour and other incidental charges etc., complete as per specification and as per the direction by Engineer in charge of the work.MORTH Chapter 1 | | | | | | 85.35 | | |
| | Same as Earth work Qnty | Cum | | | | | **85.35** | 82.60 | **7050.25** |
| | ***Pg No 136 It No 17.1 & 17.4 of PWD SR 2018-19*** | | | | | | | | |
| | ***Loading and unloading with 10km lead= 57+2x1.28x10 = 82.60*** | ***82.60*** | | | | | | | |
| | ***Final Rate*** | ***82.60*** | | | | | | | |
| | | | | | | | **Civil Work Cost** | | **5574815.72** |
| | ***Part B : Electrical Work*** | | | | | | | | |
| 48 | Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. **19/20mm dia 2mm thick**(Page No. 2, Item No.1.1.1 ) | | | | | | 110.00 | | |
| | Nisarga Park | | 1 | 110.00 | | | **110.00** | 50.00 | **5500.00** |
| | | m | | | | | | | |
| | ***Pg No 2 It No 1.1.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***50.00*** | | | | | | | |
| 49 | Open Conduit System Supplying heavy gauge PVC conduit pipe .....dia ..... mm thick confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall / stone structure or rawl plugs in case of brick walls and cement plastering the damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. **25mm dia 2mm thick** (Page No. 2, Item No.1.1.2 ) | | | | | | 110.00 | | |
| | Nisarga Park | | 1 | 110.00 | | | **110.00** | 65.00 | **7150.00** |
| | | m | | | | | | | |
| | ***Pg No 2 It No 1.1.2 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***65.00*** | | | | | | | |
| 50 | Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary. **19/20mm dia 2mm thick** | | | | | | 20.00 | | |
| | Nisarga Park | | 1 | 20.00 | | | **20.00** | 40.00 | **800.00** |
| | | m | | | | | | | |
| | ***Pg No 2 It No 1.2.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***40.00*** | | | | | | | |
| 51 | Concealed Conduit System: Supplying heavy guage PVC conduit pipe ...mm dia ...mm thick confirmingto IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary. **25mm dia 2mm thick** | | | | | | 20.00 | | |
| | Nisarga Park | | 1 | 20.00 | | | **20.00** | 53.00 | **1060.00** |
| | | m | | | | | | | |
| | ***Pg No 2 It No 1.2.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***53.00*** | | | | | | | |
| 52 | Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **1-3Way** (Page No. 15, Item No.3.5.1 ) | | | | | | | | |
| | Nisarga Park | | 9 | | | | 9.00 | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| | | each | | | | | 9.00 | 95.00 | 855.00 |
| | *Pg No 15 It No 3.4.1of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *95.00* | | | | | | | |
| 53 | Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. **1-3Way** (Page No. 16, Item No.3.6.1 ) | | | | | | 9.00 | | |
| | Nisarga Park | each | 9 | | | | **9.00** | 110.00 | **990.00** |
| | *Pg No 16 It No3.5.1 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *110.00* | | | | | | | |
| 54 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. **6Amps one way** | | | | | | 40.00 | | |
| | Nisarga Park | each | 40 | | | | **40.00** | 70.00 | **2800.00** |
| | *Pg No 16 It No 3.6.1 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *70.00* | | | | | | | |
| 55 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. **6Amps 3way socket** | | | | | | 25.00 | | |
| | Nisarga Park | each | 25 | | | | **25.00** | 95.00 | **2375.00** |
| | *Pg No 16 It No 3.6.2 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *95.00* | | | | | | | |
| 56 | Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/ dimmer/telephone socket etc on existing modular switch plate as per IS 3854 and IS 1293. **Stepped Fan Regulator** | | | | | | 20.00 | | |
| | Nisarga Park | each | 20 | | | | **20.00** | 290.00 | **5800.00** |
| | *Pg No 16 It No 3.6.4 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *290.00* | | | | | | | |
| 57 | supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet. **Short point up to 3Mtr from tapping point to out let via switch box** | | | | | | 25.00 | | |
| | Nisarga Park | Point | 25 | | | | **25.00** | 160.00 | **4000.00** |
| | *Pg No 5 It No 2.2.1 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *160.00* | | | | | | | |
| 58 | supplying and wiring adopting loop system in existing PVC conduit / casing capping using 1100 v grade , copper conductor flexible multistrand FRLS PVC insulated, 2 x1.5sq.mm cable confirming to the GTP, without switch, the other end of the wires shall be terminated with sufficient loose length in a wood /PVC cound block. complete for each outlet. **Long point above 6Mtr up to 10Mtr from tapping point to out let via switch box** | | | | | | 25.00 | | |
| | Nisarga Park | Point | 25 | | | | **25.00** | 375.00 | **9375.00** |
| | *Pg No 5 It No 2.2.3 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *375.00* | | | | | | | |
| 59 | Supplying and fixing metal Fan box with Round Hook. (Page No. 3, Item No. 1.12) | | | | | | 20.00 | | |
| | Nisarga Park | each | 20 | | | | **20.00** | 85.00 | **1700.00** |
| | *Pg No 3 It No 1.12 of PWD SR 2018-19* | | | | | | | | |
| | *Final Rate* | *85.00* | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 60 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multistrand Copper with low conductor resistance single core cable in open or concealed system of wiring with specified IS-694:1990 & comfirming to GTP of Group-A .(Page No. 6, Item No.2.5.2) | | | | | | 280.00 | | |
| | | | 1 | 280.00 | | | **280.00** | 20.50 | **5740.00** |
| | Nisarga Park | m | | | | | | | |
| | ***Pg No 6 It No 2.3.2 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***20.50*** | | | | | | | |
| 61 | Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure.(Page No. 47, Item No.6.17.7) Double door **4 way TP & N** | | | | | | 8.00 | | |
| | | | 8 | | | | **8.00** | 777.00 | **6216.00** |
| | Nisarga Park | each | | | | | | | |
| | ***Pg No 27 It No 5.18.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***777.00*** | | | | | | | |
| 62 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 (Page No. 47, Item No. 6.16.1) 6-**32Amps SP** | | | | | | 8.00 | | |
| | | | 8 | | | | **8.00** | 434.00 | **3472.00** |
| | Nisarga Park | each | | | | | | | |
| | ***Pg No 27 It No 5.17.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***434.00*** | | | | | | | |
| 63 | Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board.(Page No. 47, Item No. 6.18.1) **16-25Amps 2Pole** | | | | | | 6.00 | | |
| | | | 6 | | | | **6.00** | 2300.00 | **13800.00** |
| | Nisarga Park | each | | | | | | | |
| | ***Pg No 47 It No 5.20.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***2300.00*** | | | | | | | |
| 64 | Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C (Page No. 48, Item No. 6.36) | | | | | | 1.00 | | |
| | | | 1 | | | | **1.00** | 430.00 | **430.00** |
| | Nisarga Park | each | | | | | | | |
| | ***Pg No 48 It No 5.38 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***430.00*** | | | | | | | |
| 65 | Supplying of 2' feet - LED PVC Square Batten ..W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50Hz & Power factor >0.9 along with CE approved drivers. 5 years Warranty against any manufacturing defect working under standard electrical condition (Page No. 25, Item No. 4.29.2) LED light fighting 4' - 28 watts | | | | | | 18.00 | | |
| | | | 18 | | | | **18.00** | 250.00 | **4500.00** |
| | Nisarga Park | each | | | | | | | |
| | ***Pg No 25 It No 12.3.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***250.00*** | | | | | | | |
| 66 | Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system. (Page No. 78, Item No. 9.3.2.1) 56" Sweep (1400mm) Regular moduel | | | | | | 20.00 | | |
| | | | 20 | | | | **20.00** | 2090.00 | **41800.00** |
| | Nisarga Park | each | | | | | | | |
| | ***Pg No 78 It No 7.3.1 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***2090.00*** | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 67 | Fixing fluorescent light using 2mtr long 19mm 18 SWG enameled braised conduit of two Nos. rod pendent with ball socket with check nuts all nickel plated (Page No. 109, Item No. 17.7.4) | | | | | | | | |
| | Nisarga Park | | 30 | | | | 30.00 | | |
| | | each | | | | | **30.00** | 492.00 | **14760.00** |
| | ***Pg No 80 It No 14.7.4 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***492.00*** | | | | | | | |
| 68 | Fixing a ceiling /Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps.ceiling rose,necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire of approved quality, mounted on a suitable aize wooden board and wired(Page No. 109, Item No. 17.9) | | | | | | | | |
| | Nisarga Park | | 20 | | | | 20.00 | | |
| | | each | | | | | **20.00** | 260.00 | **5200.00** |
| | ***Pg No 80 It No 14.9 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***260.00*** | | | | | | | |
| 69 | Fixing a ceiling fan with extra length of GI pipe of class B 19mm dia for down rod | | | | | | | | |
| | Nisarga Park | | 20 | 2.00 | | | 40.00 | | |
| | | m | | | | | **40.00** | 260.00 | **10400.00** |
| | ***Pg No 80 It No 14.10 of PWD SR 2018-19*** | | | | | | | | |
| | ***Final Rate*** | ***260.00*** | | | | | | | |
| | | | | | | | **B, Electrical Work Cost** | | **148723.00** |
| | ***Childrens Play Equipments*** | | | | | | | | |
| 70 | Supply and fixing of childern Multi Play Equipment with curved slide and number panel : Upright structural posts of height 2.4 m, 2.7 m, 3.3 m schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. All metal components are to be finished with a baked on powder coat finish.With deck of size 1.45 x 1.45m and Staircase of size 1.5m x 0.77 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Along with Handrail of height 2.2 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish.Curved Slide of size 1.94 m x 1.85 m x 2.4 m, Panels,Toprails Of Monkey loop of size 1.8 m x 1.3 m.Deck of size 1.45 x 1.45m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Decks are pressed, punched, and welded sand blasted and vinyl plastic coated to a thickness of 4mm. Roof of size Dia 2 m and height 0.82 m, Spiral Slide of size 1.16 m x 1.6 m x 3.6 m, Panels The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 2201295.00 | **2201295.00** |
| | ***Quotation Rate*** | ***2201295.00*** | | | | | | | |
| 71 | Supply and fixing of childern Multi Play Equipment :Upright structural posts of height 2.35 m , 3.0 m and 3.25 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Handrail of height 2.20 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. Snake Ladder Climber of size 0.99 m x 0.62 m x 1.20 m with thickness of Dia 38 mm, Piped walls of Height 2.6 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. crab Roof of size 1.9 m x 1.7 m x 0.77m, Sun Roof of size 2.0 m x 1.78 m x 0.77m, Straight slide 2.28 m x 0.83 m x 1.20 m , Spiral Slide of size 2.22 m x 1.60 m x 1.5 m, Rock climber of size 1.03 m x 0.70 m x 1.20 m Panel. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 1498900.00 | **1498900.00** |
| | ***Quotation Rate*** | ***1498900.00*** | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 71 | Supply and fixing of childern Multi Play Equipment with double swing, curved side toddler slide with animated roof Upright structural posts of height 2.7 m and 3 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. The poles are welded on to a base plate made from steel with 114mm inner diameter. Deck of size 1.45 x 1.45m and Staircase of size 1.48 m x 0.60 m are fabricated from 2mm perforated solid punched steel. Deck perimeter is precision pre punched for attachments. Handrail of height 1.90 m and Dia 32 mm shall be an all-robotic welded unit, fabricated from 32 O.D. galvanized steel pipes with a baked on powder coating finish. Exposed hardware shall be covered with ultra violet stabilized plastic safety caps as per Sun Roof of size 2.0 m x 1.78 m x 0.77m, Spiral Slide of size 2220 mm x 1630 mm x 1880 mm , Straight Slide of size 1645 mm x 800 mm x 1140 mm, Panels. Roofs and panels are copyrighted and IP protected worldwide. Spring Climber of thickness Dia 38 mm, 3 step ladder , Frisbee Climber ,Piped walls of Height 2.7 m are all robotic welded fabricated from 32 O.D. galvanized steel pipes for the outer pipes and 25mm O.D. galvanized steel for the inner parallel bars with a baked on powder coat finish. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 1216720.00 | **1216720.00** |
| | ***Quotation Rate*** | ***1216720.00*** | | | | | | | |
| 72 | Supply and fixing of childern Play Equipment Fiero A Swing : Shaped structural posts of height 2.31 m are to be schedule HOT DIP Galvanized steel with a 114mm OD and 2.2mm (wall) thickness of the tubing. Plastic Components such as swing seats [super thick plastic] shall be animated and shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with color molded in and minimum thickness of 6 - 8mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 126892.00 | **126892.00** |
| | ***Quotation Rate*** | ***126892.00*** | | | | | | | |
| 73 | Supply and fixing of childern Play Equipment Two seater seesaw : The See Saw consists of 2 poles of Dia 114mm and thickness of 2.5mm which balances the horizontal rod at the center which is of size 3110 mm length and Dia 114 mm. It consists of 2 seats which is made of LLDPE virgin plastic of size 305mm X 213 mm X 125 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 83478.00 | **83478.00** |
| | ***Quotation Rate*** | ***83478.00*** | | | | | | | |
| 74 | Supply and fixing of childern Play Equipment Merry go round - DX : The Merry go round consists of a round platform which is made of galvanized steel and has a thickness of 2.5 mm. It is also power coated with the thickness of 2.5 mm. It is of Dia 1210 mm. It has 3 inverted "L" shaped handrails which is made of Galvanized steel and of dimensions as 474 mmx 815 mm. It has thickness of Dia 32 mm. The 3 handrails are separated exactly. All the 3 handrails are connected to the Centre with the help of a rod which is also made of Galvanized steel and of Dia 48 mm and height 815 mm. The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | | |
| | | each | | | | | **1.00** | 85040.00 | **85040.00** |
| | ***Quotation Rate*** | ***85040.00*** | | | | | | | |

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| Sl. No | Description of work | Unit | No. | Length m | Breadth m | Depth m | Quantity | Rate in Rs. | Amount in Rs. |
|---|---|---|---|---|---|---|---|---|---|
| 75 | Supply and fixing of childern Play Equipment Puppy dog Rider / Elephant rider / Horse rider : : HDPE of size 0.83 m x 0.31 m x 0.87 m, Plastic Components [super thick plastic] shall be rotationally molded from antistatic, copolymer, virgin linear low density UV stabilized polyethylene, with "color molded" in not "added in". All rotational molding is carried out in state of the art, precision, bi axial roto moulding machines which helps achieve guaranteed uniform wall thickness, seamless joints, accurate process control, one part construction to make it stress free. Specialized connectors such as clamps and couplings are to be cast from aluminium which is pre-treated, and cured, with a baked on powder coat finish.The rates are to be inclusive of supply and installation at site. Inclusive of All Taxes and Transportation Charges | | | | | | 1.00 | | |
| | Duo Marvels Layout | | 1 | | | | 1.00 | 55776.00 | 55776.00 |
| | *Quotation Rate* | each *55776.00* | | | | | | | |
| | | | | | | | C.Children Play Equipment Cost | | 5268101.00 |
| | | | | | | | Total Construction Cost | | 10991639.720 |
| | | | | | | | Tender Premium 5% | | 549581.99 |
| | | | | | | | Sub Total | | 11541221.71 |
| | | | | | | | 12%GST for Civil and Electrical Works | | 686825.00 |
| | | | | | | | BESCOM Deposit Charges | | 20000.00 |
| | | | | | | | Sub Total | | 12248046.71 |
| | | | | | | | Add 2% for DPR preparation, PMS and Quality Control Charges | | 250000.00 |
| | | | | | | | Sub Total | | 12498046.71 |
| | | | | | | | Miscellaneous and rounding off | | 1953.29 |
| | | | | | | | Total | | 12500000.00 |

**Certificate.**

1. The workspot was inspected and work is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR, Bangalore circle for year 2018-19 and Issue Rates as on 01-01-2019.
4. The provisions made in the estimate are necessary and essential.
5. The work proposed is not tackled in any of the programme of work in last Three years

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Infra Technocrats Consultants

Executive Engineer
BBMP

6/14/19

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